

IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Currently Amended): A multilayer film, comprising at least one upper layer

a) and one middle layer b) ~~comprising (meth)acrylate copolymers, and a backing layer c) comprising polycarbonate, and, between the middle layer b) and the backing layer c), a semicompatible polymer mixture d)~~

wherein

- a) the at least one upper layer comprises a light stabilizer and a (meth)acrylate copolymer ~~which can form semicompatible mixtures with the polycarbonate of the backing layer c), wherein a test specimen produced from a mixture comprising 20% by weight of the (meth)acrylate copolymer and 80% by weight of polycarbonate has a tensile strain at break of at least 75% (ISO 527-2) at 23°C,~~
- b) the middle layer comprises a dye, optionally a light stabilizer, and a (meth)acrylate copolymer that is identical to or different from the (meth)acrylate copolymer in a), an identical or different (meth)acrylate copolymers which can form semicompatible mixtures with the polycarbonate of the backing layer c), wherein a test specimen produced from a mixture comprising 20% by weight of the (meth)acrylate copolymers and 80% by weight of polycarbonate has a tensile strain at break of at least 75% (ISO 527-2) at 23°C, and
- c) the backing layer comprises polycarbonate which can, optionally, comprise up to 30% by weight of the material of the layers a) and b),
- d) wherein the semicompatible polymer mixture comprises the (meth)acrylate copolymer from b) and the polycarbonate from c),

wherein a test specimen produced from a mixture comprising 20% by weight of the (meth)acrylate copolymer from b) and 80% by weight of polycarbonate from c) has a tensile strain at break of at least 75% (ISO 527-2) at 23°C, and

wherein a test specimen produced from a mixture comprising 20% by weight of the (meth)acrylate copolymer from a) and 80% by weight of polycarbonate from c) has a tensile strain at break of at least 75% (ISO 527-2) at 23°C.

Claim 2 (Currently Amended): The multilayer film according to Claim 1, wherein the (meth)acrylate copolymers in a) and b) comprise ~~copolymers~~ comprise the following units:

- a) from 95 to 5% by weight of methyl methacrylate units and, optionally from 0 to 40% by weight of other vinylic monomer units and
- b) from 5 to 95% by weight of esters of (meth)acrylic acid, which may comprise the following radicals in the ester group:

cycloalkyl or a multiple-alkyl-substituted cycloalkyl radical having comprising from 5 to 12 carbon atoms, where the radicals mentioned may have bonding to the (meth)acrylic acid carboxyl radical by way of alkylene groups having comprising from 1 to 6 carbon atoms, which may also have branching, or oxyalkylene groups comprising having from 2 to 4 carbon atoms.

Claim 3 (Currently Amended): The multilayer film according to Claim 2, wherein the (meth)acrylate copolymers in a) and b) comprise from 60 to 95% by weight of methyl methacrylate and from 40 to 5% by weight of cyclohexyl methacrylate.

Claim 4 (Currently Amended): The multilayer film according to Claim 1, wherein the solution viscosity of the (meth)acrylate copolymers from a) and b), in chloroform at 25°C (ISO 1628 – Part 6) is in the range from 50 to 80 ml/g.

Claim 5 (Currently Amended): The multilayer film according to Claim 1, wherein the Vicat softening point VSP (ISO 306-B50) of the (meth)acrylate copolymers from a) and b) is at least 105°C.

Claim 6 (Currently Amended): The multilayer film according to Claim 1, wherein below the polycarbonate layer c) there is also an optional adhesion-promoting layer (~~primer layer~~), and a layer comprising a plastic, which may optionally have been fibre-reinforced.

Claim 7 (Currently Amended): The multilayer film according to Claim 6, wherein the layer comprising the plastic has been applied by back-moulding or back-foaming and the plastic comprises an acrylate-styrene-acrylonitrile graft copolymer (ASA), polybutylene terephthalate or polyurethane.

Claim 8 (Previously Presented): The multilayer film according to Claim 1, wherein the middle layer has opaque coloration.

Claim 9 (Previously Presented): The multilayer film according to Claim 1, wherein the polycarbonate of the backing layer has an average molar mass Mw in the range from 35,000 to 70,000.

Claim 10 (Currently Amended): The multilayer film according to Claim 1, wherein the selection of the (meth)acrylate copolymers from a) and b) and of the polycarbonate is such that the tensile strain at break (ISO 527-2) at 100°C, calculated as a relative value, for a test specimen produced from a mixture comprising of 20% by weight of (meth)acrylate copolymers from a) and b) and 80% by weight of polycarbonate is at least 90% of the value for the polycarbonate present.

Claim 11 (Previously Presented): The multilayer film according to Claim 10, wherein the absolute value of the tensile strain at break (ISO 527-2) at 100°C is 120% or greater.

Claim 12 (Currently Amended): The multilayer film according to Claim 10, wherein a test specimen produced from a mixture comprising 20% by weight of (meth)acrylate copolymers from a) and b) and 80% by weight of polycarbonate comprises at least four of the following five properties:

- I. a Vicat softening point VSP (ISO 306-B50) of at least 130°C
- II. a modulus of elasticity (ISO 527-2) at 23°C of at least 2000 MPa
- III. a modulus of elasticity (ISO 527-2) at 100°C of at least 1800 MPa
- IV. a tensile strain at break (ISO 527-2) at 23°C which is at least 70% of the value for the polycarbonate present
- V. a melt index MVR (ISO 1133, 230°C/3.8 kg) of from 0.5 to 2.0 cm³/10 min.

Claim 13 (Previously Presented): A process for producing a multilayer film according to Claim 1, comprising coextruding the layers a), b) and c) to form the multilayer film.

Claim 14 (Currently Amended): The process ~~Process~~ according to Claim 13, ~~characterized in that~~ wherein the process produces a film waste, and wherein the film waste is comminuted and directly used as backing layer c) or admixed in the melt with the material for the backing layer c), and the multilayer film composed of the melts a), b) and a melt of the backing layer c) is coextruded, and the procedure may take place two or more times, with the proviso that backing layer c) cannot comprise more than 30% by weight of the material of the layers a) and b).

Claim 15 (Previously Presented): A method of forming a substrate selected from the group consisting of exterior surfaces of household appliances, communication devices, equipment for hobbies, equipment for sports, bodywork parts and parts of bodywork parts of cars, ships or aircraft, comprising forming the substrate with the multilayer film of Claim 1.

Claim 16 (Currently Amended): A semicompatible ~~Semicompatible~~ polymer mixture comprising a (meth)acrylate copolymer and a polycarbonate, wherein a test specimen produced from the polymer mixture is not transparent but is translucent as a consequence of the semicompatibility of the polymers, and wherein the tensile strain at break (ISO 527-2) at 100°C, calculated as a relative value, of a test specimen produced from a mixture comprising 20% by weight of (meth)acrylate ~~eeopolymers~~ copolymer and 80% by weight of polycarbonate is at least 90% of the value for the polycarbonate present.

Claim 17 (Currently Amended): ~~Semicompatible polymer mixture according to~~
~~Claim 16, wherein the polymer's location is between the two semicompatible polymers at the~~
~~interface between these in the case of mouldings, with a layer structure and/or in that it is a~~ A
unitary moulding or a part of such a moulding, composed entirely of the semicompatible
polymer mixture of Claim 16.

Claim 18 (Cancelled).

Claim 19 (Previously Presented): The multilayer film according to Claim 2, wherein
the Vicat softening point VSP (ISO 306-B50) of the (meth)acrylate copolymers is at least
105°C.

Claim 20 (Previously Presented): The multilayer film according to Claim 3, wherein
the Vicat softening point VSP (ISO 306-B50) of the (meth)acrylate copolymers is at least
105°C.